

ABSTRACT

A dispenser pack comprising a metering pump and a container that is tightly connected to said metering pump and that can be ventilated by the pump, comprising a closing cap that comprises
5 a cylindrical wall that encloses an axial aperture; a retainer for attaching the pump within the aperture of the closing cap; a pump housing comprising a pump cylinder; a pump piston which is arranged in the pump chamber so as to be slidable in a sealed manner and comprises a piston shaft; an axial outlet channel that extends through the piston shaft and the pump piston and connects the pump chamber with a dispensing aperture of the activation head; an inlet valve and
10 an outlet valve for the free-flowing medium; and a helical compression spring which impinges on the pump piston in the direction of its home position, wherein the volume of the container that contains the free-flowing medium can be adjusted to the decrease of the volume of the free-flowing medium dispensed from the container; and the inner hole rim of the seal between the face of the container neck and the exterior flange of the retainer rests against the outside of the
15 pump housing so as to be airtight.